

# Former Plainwell Impoundment Time-Critical Removal Action Semimonthly Construction Update

## Progress Report #37—March 3, 2008

### Work Completed: February 14, 2007-February 27, 2008

- Completed construction of an access road between Miller Road and the Kalamazoo River.
- Continued constructing access roads into Removal Areas 9A through 13A.
- Completed clearing and grubbing activities at Removal Areas 12A and 13A.
- Began clearing and grubbing activities at Removal Areas 10B and 12B.
- Continued to develop Staging Area 4N.
- Continued daily and weekly construction quality assurance inspections.

Estimated Weekly Volume Hauled to TSCA and Non-TSCA Landfill Facilities				
Date	Estimated Quantity TSCA-material (cubic yards)	Number of Truck Loads TSCA-material	Estimated Quantity Non-TSCA material (cubic yards)	Number of Truck Loads Non-TSCA material
Weekly Total	0	0	0	0
2007 Total	3,150	90	33,915	969
Project Total to Date	3,150	90	33,915	969

\*\* All values are unofficial, estimated quantities, subject to revision/verification.

### Work Planned: February 28-March 5, 2008

- Complete construction of access roads into Removal Areas 9A through 13A.
- Complete clearing and grubbing activities at Removal Areas 10B and 12B.
- Continue construction activities associated with Staging Area 4N.
- Begin loading and transporting solidified non-TSCA material remaining from 2007 activities from Staging Area 5S to Allied Waste's Ottawa County Farms landfill in Coopersville, Michigan.
- Continue daily and weekly construction quality assurance inspections.

US EPA RECORDS CENTER REGION 5



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***Removal Progress***

**The Removal Progress graphs will be on hiatus until removal activities commence in March.**

Notes:

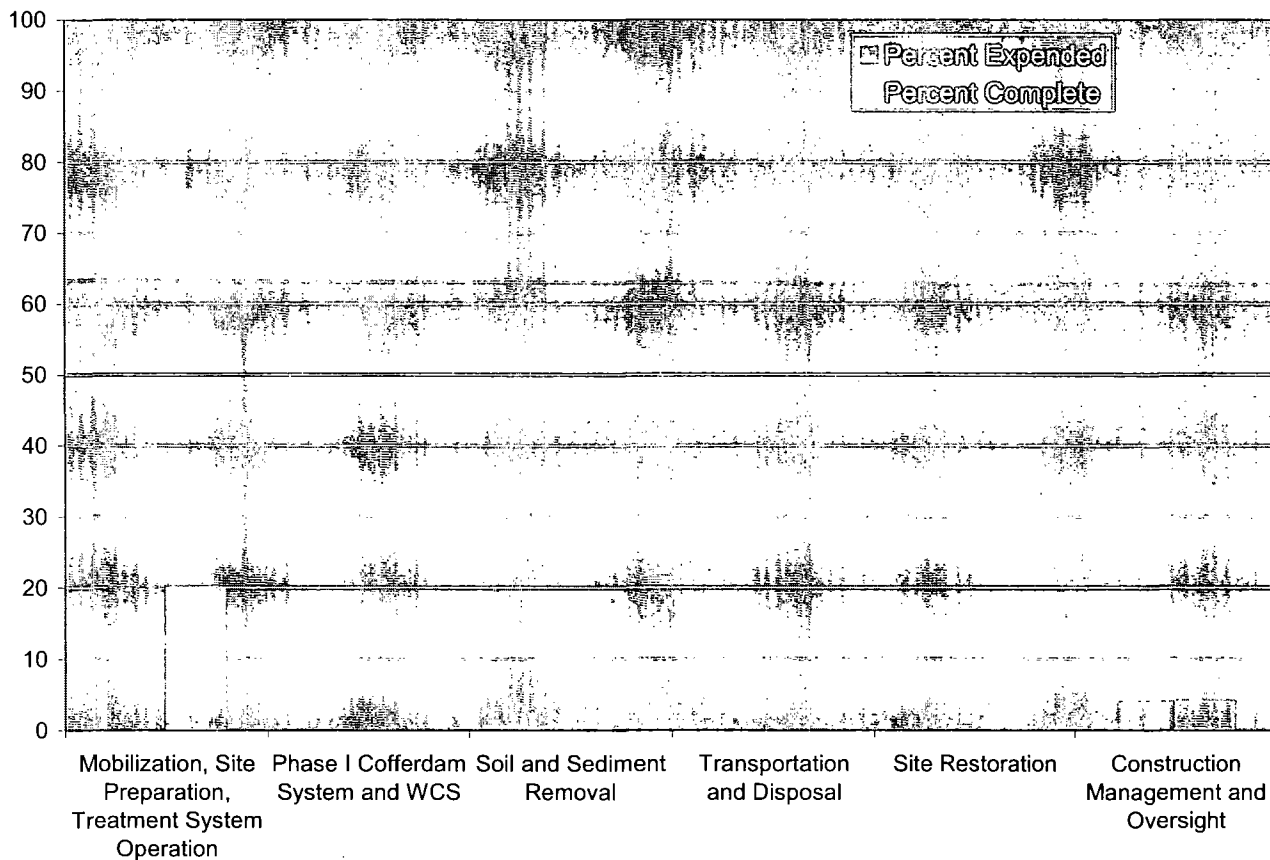
Targeted volumes are neat and subject to change due to additional excavation done at request of USEPA.

Actual volumes removed are below the targeted volumes potentially due to the conservative estimation methodology used to develop targeted figures and due to the actual topographic conditions encountered at the site, which could result in smaller volumes needing to be removed than originally estimated. The targeted volumes have been increased by 10% to account for additional material that could be removed as a result of over-excavation and additional removal in response to confirmation sampling. Soil/sediment removal activities are on schedule based on the ARCADIS BBLES 4/30/07 Plainwell TCRA Construction Schedule.

***Removal Progress***

The Removal Progress graphs will be on hiatus until removal activities commence in March.

**Budget Assessment**



***Health & Safety Update***

- 2 Loss Prevention Observations (LPOs) were completed during this period.  
A total of 112 LPOs have been completed for the project to date.

***Weather Summary***

- Work activities were limited on February 19<sup>th</sup> due to heavy snowfall.

***Environmental Monitoring and Construction Quality Assurance Testing***

**Resuspension/Turbidity Monitoring:**

Testing Performed this Week? No ☒ Yes ☐

Exceedances? N/A ☒ No ☐ Yes ☐ If yes, explain:

**Dewatering System Discharge Monitoring:**

Discharge Flow: 20,000 gallons

Testing Performed this Week? No ☐ Yes ☒

Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

**Excavation Verification Sampling:**

Testing Performed this Week? No ☒ Yes ☐ in

Cleanup Standard Achieved? N/A ☒ Yes ☐ No ☐ If no, explain:

***Issues Encountered/Solutions Advanced***

- None.

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**Equipment on Site**

Equipment	2/14/03	2/15/03	2/16/03	2/17/03	2/18/03	2/19/03	2/20/03	2/21/03	2/22/03	2/23/03	2/24/03	2/25/03	2/26/03	2/27/03
Komatsu PC-300 Excavator	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Komatsu PC-300 HD Long Reach	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Komatsu PC-200 Excavator	1	1	1	1	1	1	1	1	1	1	1	1	1	1
John Deere JD-50 Mini-Excavator	1	1	1	1	1	1	1	1	1	1	1	1	1	1
John Deere JD-450 Dozer	1	1	1	1	1	1	1	1	1	1	1	1	1	1
John Deere JD-700 Dozer	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Komatsu D37 Dozer	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Komatsu D61 Dozer	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Komatsu D65 Dozer	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volvo P-180 Loader	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Komatsu 380 loader	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CAT 328 Loader (King)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
American 80-ton Crane (King)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,000 Gallon Water Truck	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Smooth Drum Roller	1	1	1	1	1	1	1	1	1	1	1	1	1	1
John Deere Skidsteer	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Vermeer Chipper	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Komatsu 400 Articulating Dump Truck	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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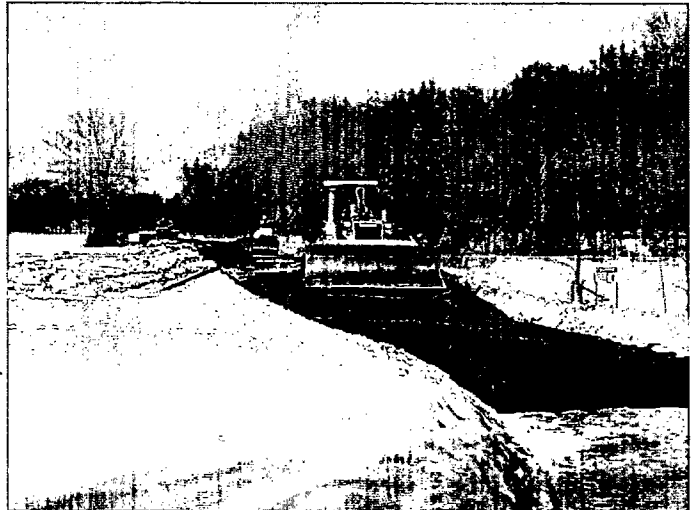
*Personnel, Regulatory Staff, and Visitors on Site*

Individual/Affiliation	2/14/08	2/15/08	2/16/08	2/17/08	2/18/08	2/19/08	2/20/08	2/21/08	2/22/08	2/23/08	2/24/08	2/25/08	2/26/08	2/27/08
Terra Contracting Staff	3	3			11	3	11	10	10	10		11	10	11
Jim Saric/USEPA														
Michael Berkoff/USEPA														
Mike Ribordy/USEPA OSC														
Craig Thomas/USEPA														
Paul Bucholtz/MDEQ														
John Bradley/MDEQ														
Judith Gapp/MDEQ														
John Lerg/MDNR														
Sharon Hanshue/MDNR														
Lisa Williams/USFWS														
Weston Contractors														
CDM Contractors														
Chase Fortenberry/KRSG														
Mark Brown/KRSG														
Steve Garbaciak/ARCADIS														
Adam Chwalibog/ARCADIS														
Eric Hritsuk/ARCADIS														
Rich Price/ARCADIS														
Matt Bowman/ARCADIS														
EJ Suardini/ARCADIS														
Mike Kohagen/ARCADIS	X	X			X	X	X	X	X	X		X	X	X
Michelle Rumler/ARCADIS														
Joe Willoughby/ARCADIS					X	X	X	X	X			X	X	X
Ben Lawrence/ARCADIS	X	X												
Nick Harmer/ARCADIS														
Other Subcontractors (Specify)														

***Photos from Reporting Period #37***



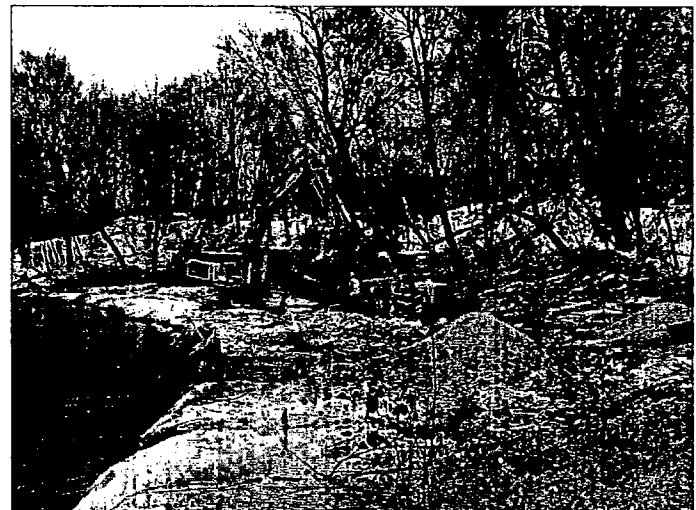
Placing aggregate for the construction of the access road between Miller Road and the Kalamazoo River.



Grading the access road between Miller Road and the Kalamazoo River using a D61 dozer.



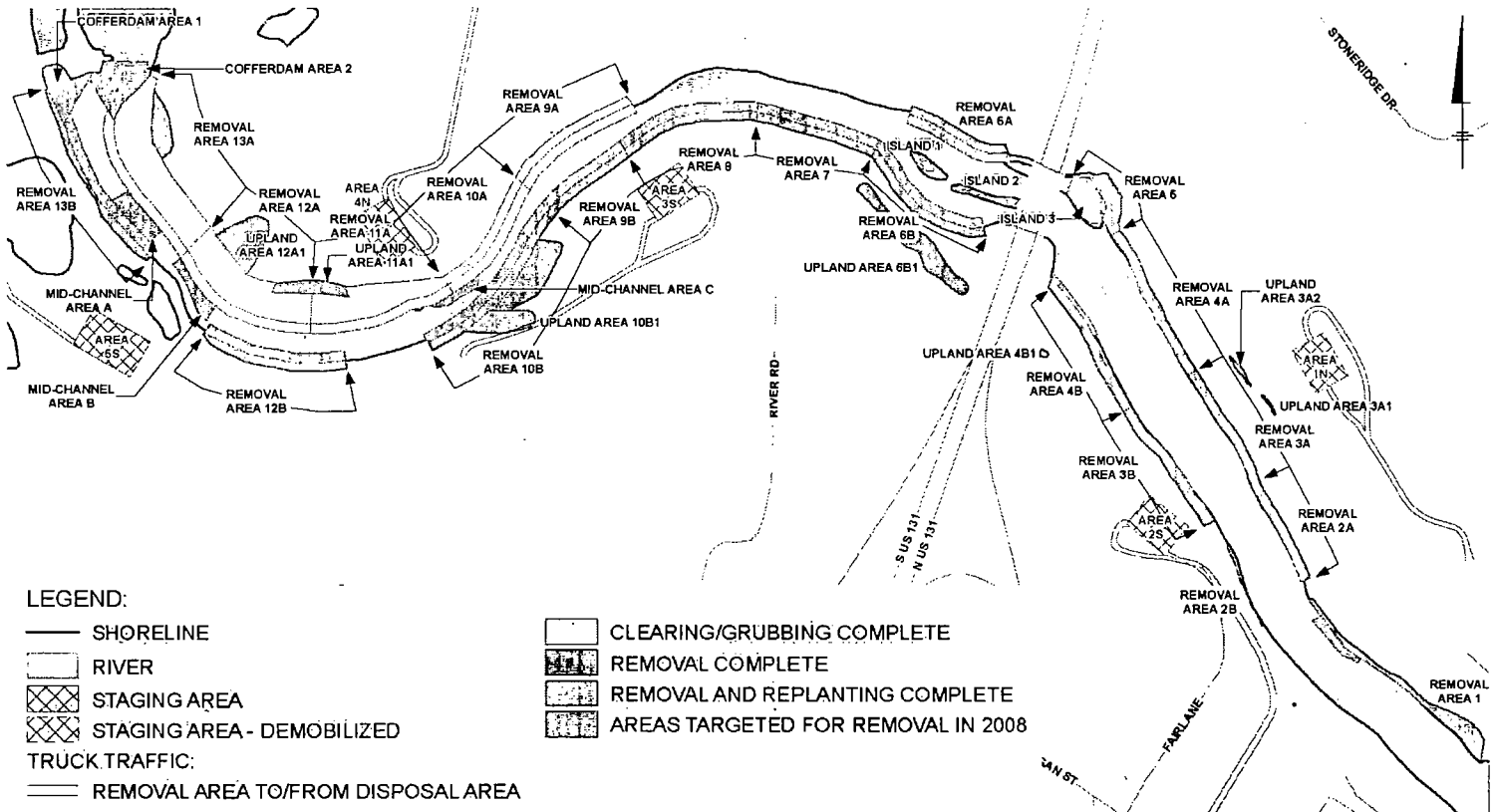
Compacting aggregate on the access road between Miller Road and the Kalamazoo River using a smooth drum roller.



Clearing and chipping activities in Removal Area 12B using a PC 300 excavator and a Vermeer chipper.



**Targeted Removal Areas—Former Plainwell Impoundment**



**Notes:**

Additional planting in 'Removal and Replanting Complete' areas may be necessary in 2008.

All dimensions and features represented on this map are approximate. Actual locations of access roads and staging areas and final boundaries of removal areas will be determined at the time of construction.